| Ref<br># | Hits | Search Query  | DBs   | Default<br>Operator | Plurals | Time Stamp       |
|----------|------|---|---|---------------------|---------|------------------|
| LI       | 2071 | "428"/\$.ccls. and dielectric and rough\$3  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR                  | ON      | 2005/05/18 17:00 |
| L2       | 297  | "428"/\$.ccls. and dielectric and rough\$3 and (conductive adj layer)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR                  | ON      | 2005/05/18 17:13 |
| L3       | 38   | ("3228104"   "3808028"   "4196923"   "4216246"   "4364792"   "4615763"   "4642163"   "4688015"   "4700879"   "4832988"   "4913784"   "4927983"   "4941940"   "4948630"   "4948707"   "4978569"   "4997122"   "5015329"   "5049230"   "5058799"   "5082359"   "5097593"   "5108825"   "5156896"   "5160090"   "5178965"   "5242711"   "5250319"   "5258098"   "5264325"   "5435889"   "5439766"   "5451721"   "5550156"   "5451721"   "5653841"   "5745984").PN. | US-PGPUB;<br>USPAT;<br>USOCR                          | OR                  | ON      | 2005/05/18 17:03 |
| L4       | 15   | (dielectric adj layer) and rough\$4<br>and (conductive adj layer) and<br>desmear  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR                  | ON      | 2005/05/18 17:16 |
| L5       | 7    | desmear and teeth   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR                  | ON      | 2005/05/18 17:16 |
| L6       | 7494 | dielectric and teeth  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR                  | ON      | 2005/05/18 17:17 |
| L7       | 759  | dielectric and teeth and<br>(conductive adj layer)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR                  | ON      | 2005/05/18 17:18 |

| L8  | 39 | dielectric and teeth and (conductive adj layer) and peel   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/05/18 17:18 |
|-----|----|--|---|----|----|------------------|
| L9  | 15 | ("0242813"   "0380158"  <br>"1797552"   "2556558"  <br>"2650900"   "3219557"  <br>"3291871"   "3609431").PN. | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON | 2005/05/18 17:29 |
| L10 | 4  | ("2650900").URPN.  | USPAT   | OR | ON | 2005/05/18 17:31 |
| L11 | 3  | ("4199408").URPN.  | USPAT   | OR | ON | 2005/05/18 17:34 |

| Ref<br># | Hits | Search Query   | DBs   | Default<br>Operator | Plurals | Time Stamp       |
|----------|------|--|---|---------------------|---------|------------------|
| L1       | 2071 | "428"/\$.ccls. and dielectric and rough\$3   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR                  | ON      | 2005/05/18 17:00 |
| L2       | 297  | "428"/\$.ccls. and dielectric and rough\$3 and (conductive adj layer)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR                  | ON      | 2005/05/18 17:13 |
| L3       | 38   | ("3228104"   "3808028"   "4196923"   "4216246"   "4364792"   "4615763"   "4642163"   "4688015"   "4700879"   "4832988"   "4913784"   "4927983"   "4941940"   "4948630"   "4948707"   "4978569"   "4997122"   "5015329"   "5049230"   "5058799"   "5082359"   "5097593"   "5108825"   "5156896"   "5160090"   "5178965"   "5242711"   "5250319"   "5258098"   "5264325"   "5435889"   "5439766"   "5451721"   "55503841"   "5745984").PN. | US-PGPUB;<br>USPAT;<br>USOCR                          | OR                  | ON      | 2005/05/18 17:03 |
| L4       | 15   | (dielectric adj layer) and rough\$4<br>and (conductive adj layer) and<br>desmear   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR                  | ON      | 2005/05/18 17:16 |
| L5       | 7    | desmear and teeth  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR                  | ON      | 2005/05/18 17:16 |
| Ľ6       | 7494 | dielectric and teeth   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR                  | ON      | 2005/05/18 17:17 |
| L7       | 759  | dielectric and teeth and<br>(conductive adj layer)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR                  | ON      | 2005/05/18 17:18 |

| L8  | 39    | dielectric and teeth and<br>(conductive adj layer) and peel   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/05/18 17:18 |
|-----|-------|---|---|----|----|------------------|
| L9  | 15    | ("0242813"   "0380158"  <br>"1797552"   "2556558"  <br>"2650900"   "3219557"  <br>"3291871"   "3609431").PN.                | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON | 2005/05/18 17:29 |
| L10 | 4     | ("2650900").URPN.   | USPAT   | OR | ON | 2005/05/18 17:31 |
| L11 | 3     | ("4199408").URPN.   | USPAT   | OR | ON | 2005/05/18 17:34 |
| L12 | 7     | (single adj pass adj rough\$3)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/05/18 17:37 |
| L13 | 11374 | (rough\$4 or desmear) and<br>(dielectric adj layer)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/05/18 17:37 |
| L14 | 1824  | (rough\$4 or desmear) and (dielectric adj layer) and cavities   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/05/18 17:38 |
| L15 | 1001  | (rough\$4 or desmear) and<br>(dielectric adj layer) and cavities<br>and ((metal or conductive) adj<br>layer)                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/05/18 17:39 |
| L16 | 25    | (rough\$4 or desmear) and (dielectric adj layer) and cavities and ((metal or conductive) adj layer) and (peel adj strength) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/05/18 17:40 |